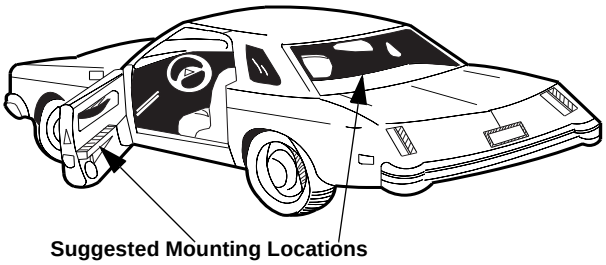
3½-Inch 2-Way Flush Mount Speaker System

OWNER'S MANUAL — Please read before using this equipment.

CHOOSING A LOCATION

For the best performance, install these speakers on a solid, firm surface that does not vibrate at high volume levels. (Cardboard or fiber panels are not good mounting surfaces.) In most vehicles, these speakers work best when mounted in the dash, in the front door kick panels or in the rear deck.



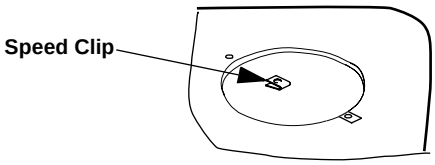
As you decide on a location, carefully inspect the area behind the proposed mounting surface.

- There must be a clear, unobstructed area of at least 1¾ inches (4.45 cm) behind the panel.
- If it is a door location, check to be sure the window, window mechanism, and window handle will clear the speaker. Make sure the window opens and closes properly.

INSTALLING THE SPEAKERS

1. Use the supplied template to mark the speaker opening.
2. Cut out the marked speaker opening in the mounting surface.

   Note: Steel door panels and the rear deck (behind the upholstery) might already have large cutout areas for recessing the speaker.
3. Use the speaker to mark the two mounting-screw hole locations.
4. Drill the mounting-screw holes. Be careful not to drill into anything behind the mounting surface.
5. Mount the supplied speed clips directly onto the indicated mounting-screw holes.

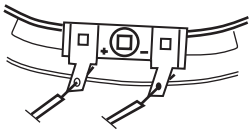


6. If necessary, route new speaker wires from the auto-sound system to the mounting area.

Cautions:

- Avoid routing speaker wires near moving parts or sharp edges, or where they will be pinched or stepped on. You can usually route them along the channel beneath the vehicle's door facings.
- If you selected door locations, you might need to punch a small hole in the door edge (near the door hinges) to route the wires into the door. Leave enough slack wire to open the door all the way.

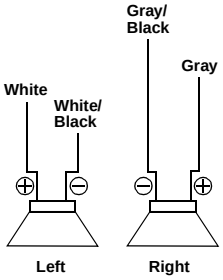
7. Securely connect the positive (+) and negative (–) stripped speaker wire ends to the corresponding speaker terminals.



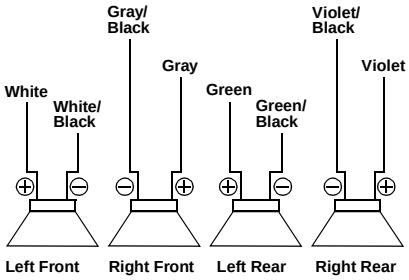
Cautions:

- Improper phasing can cause poor bass response. Be sure to connect + to + and – to –.
- Do not connect any of your speaker terminals to the car's chassis ground.

If you have a two-speaker system:



If you have a four-speaker system (front and rear):



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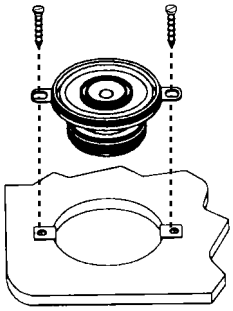
8. Align each speaker's mounting holes with the holes on the speed clips, thread a supplied screw through each mounting hole, and tighten all screws until they are secure.



SPECIFICATIONS

Speaker Type:
- Woofer Cone ..... Paper Coating
- Tweeter Cone ..... Paper/Piezo

Speaker Size:
- Woofer ..... $3^1/_2$ Inches (88.9 mm)
- Tweeter ..... $1^3/_4$ Inches (44.5 mm)

S.P.L. 1W/1m ..... 87 dB

Woofer Magnet Weight ..... 4.3 oz (121.90 g)

Power Handling ..... 15 W RMS/Channel

Maximum Power ..... 45 W/Channel

Impedance ..... Nominal 4 ohms

Frequency Response ..... 117 Hz–15 kHz

Weight (One Speaker) ..... 1 lb, 0.3 oz (463 g)

Dimensions (HWD) ..... $4^{11}/_{16} \times 3^1/_2 \times 1^3/_4$ Inches (119×89 x 44.5 mm)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

Limited Ninety-Day Warranty

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Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

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This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

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